

CITY OF CHANDLER

RECLAIMED WATER USERS MANUAL

INTRODUCTION

The use of reclaimed water for non-potable uses such as irrigating landscaped areas and filling artificial lakes helps conserve Chandler's drinking water supplies. Additionally, reclaim water use provides a renewable source of water, which also conserves Chandler's groundwater supplies.

It is important for the user of reclaimed water to understand that, while the use of reclaimed water is beneficial in many respects, care must be taken to protect public health and the environment when using reclaimed water. This manual provides a guide to information on the requirements related to the use of reclaimed water. It is intended to help ensure each reclaimed water user understands their responsibilities in using this resource.

Additionally, reclaimed water users should read Chandler City Code Sections 35-1903 and 1903.1 relating to City landscaping requirements and Chapter 53, of the Chandler City's Code. These documents identify the City's responsibilities; the reclaimed water user's responsibilities; and the engineering and construction requirements for system operation and maintenance of reclaimed water systems. Users should also familiarize themselves with other applicable regulations regarding the use of reclaimed water. Additional information can be found on the following website locations:

http://www.azsos.gov/public_services/Title_18/18-09.htm Article 7

http://www.azsos.gov/public_services/Title_18/18-11.htm Article 3

While it is hoped that this manual will assist reclaimed water users understand their responsibilities regarding the use of reclaimed water within the City of Chandler, each reclaimed water user is ultimately responsible for complying with all applicable regulations regarding such use.

CONTENTS

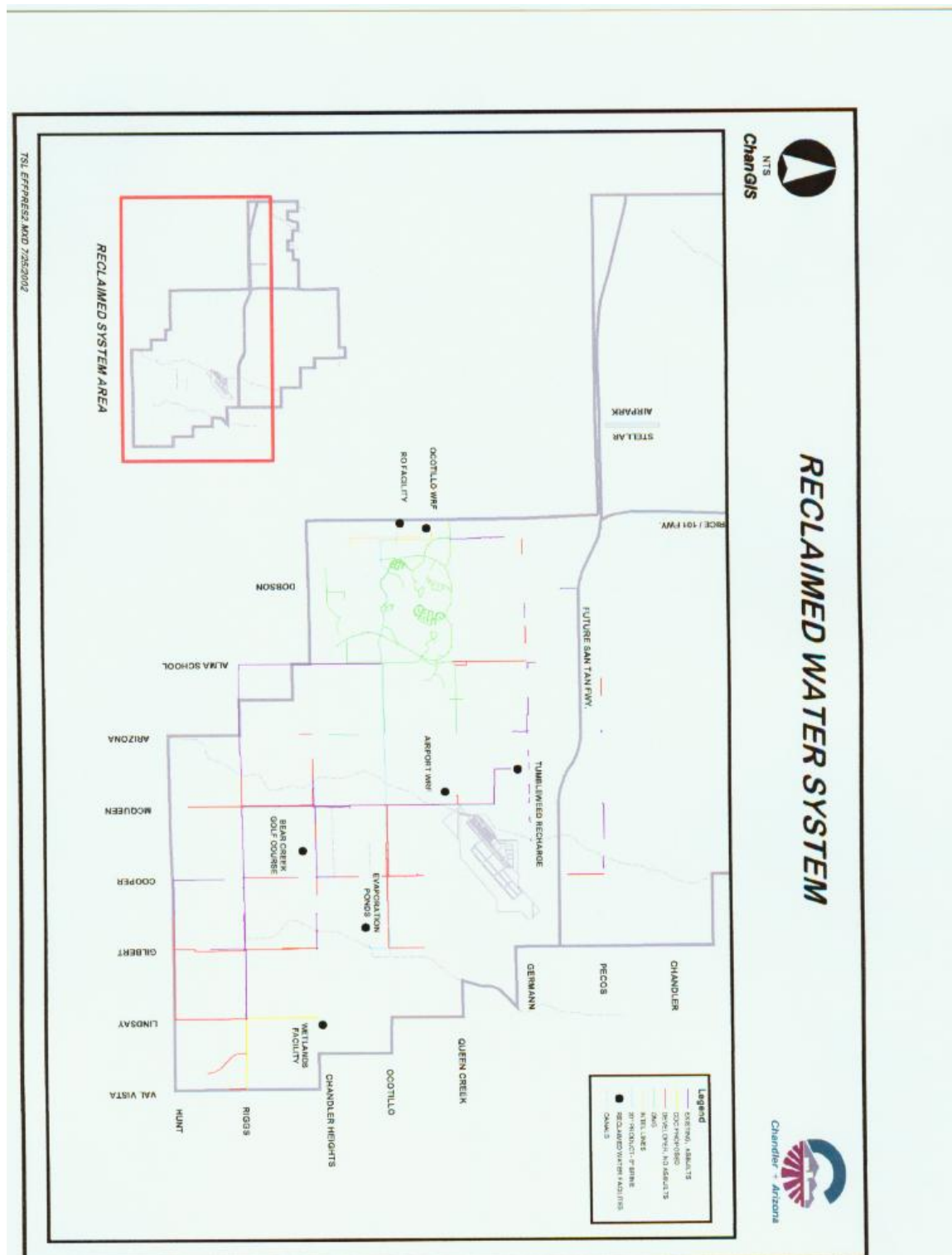
1. Description and map of the reclaimed water service area.
2. Procedures for applying for reclaimed use.

APPENDICES

- A. Application to Use Reclaimed Water
- B. Reclaimed Water Checklist

1. RECLAIMED WATER USE AREA

Reclaimed water will be available south of Pecos Road and east of Old Price Road within the City limits.



2. APPLICATION PROCEDURES FOR RECLAIMED USE

Application: Applicants are required to submit an application available from this document that will allow the City to ensure the proposed reclaimed water use is consistent with state and local regulations. The City will also use the information, provided in the application, to determine the availability of reclaimed water to meet the applicant's request and the feasibility of delivering reclaimed water to the applicant's site.

This application must be completed by the applicant requesting reclaimed water service and submitted to the City's Planning Department. See Appendix A.

Agreement: Once the City determines it is feasible to deliver reclaimed water to the applicant, the applicant will be contacted to enter into an Agreement with the City.

Regulations: The Arizona Department of Environmental Quality (ADEQ), Maricopa County, and City Municipal Code regulate reclaimed water use. The user is responsible for compliance with all applicable rules, and regulations.

APPENDIX A

CITY OF CHANDLER

APPLICATION TO USE RECLAIMED WATER

INTRODUCTION

The purpose of the Reclaimed Water Application is to allow the City to evaluate the reclaimed water supply availability to meet the request for reclaimed water and to evaluate if the reclaimed water use requested is consistent with State and local regulations regarding reclaimed water.

The City will evaluate the application and determine the feasibility of delivering reclaimed water to the site for the use(s) indicated. Within 30 days after receipt of this Application, the City will inform the applicant if providing reclaimed water is feasible and, if it is, direct the applicant to prepare plans and specifications for submittal to the City.

Details regarding the construction plans are addressed in Chapter 53 of the Chandler City Code. The Applicant is urged to review Chapter 53 of the Chandler City Code and to become familiar with applicable State and local requirements prior to the delivery of reclaimed water.

RECLAIMED WATER USER AGREEMENT

ADEQ regulations require that the producer of reclaimed water (the City) enter into an enforceable contract with the entity to whom it provides reclaimed water for use. A form agreement will be issued upon approval of the application. It is important for the Reclaimed Water User to understand that, while the use of reclaimed water is beneficial in many respects, care must be taken to protect public health and the environment. To ensure that these requirements are observed, the City, the Arizona Department of Environmental Quality (ADEQ), and Maricopa County Department of Environmental Services (MCDES) are authorized by law and/or contract to inspect the construction and, periodically, the ongoing operation of the onsite reclaimed water system.

The Reclaimed Water User must apply and manage the reclaimed water in accordance with all regulatory and contractual requirements. Failure to comply with all applicable laws and regulations for the reuse of reclaimed water could result in termination of the agreement, fines, and/or damages.



CITY OF CHANDLER
APPLICATION FOR THE USE OF RECLAIMED WATER

Application Date: _____

Application Submitted by: _____

Representing: _____

Applicant must be either a principal executive officer or ranking elected official.

Applicant name: _____ Title: _____

Representing: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____

Site Owner/Operator name: _____

Site Name: _____

Site Address: _____

City: _____ State: _____ Zip Code: _____

Contact Person: _____ Phone Number: _____

Type of Development: _____

Conversion of Existing System (Explain) _____

Planned uses and estimated sizes of areas where Reclaimed Water will be used.
Check all that apply.

<u>Use</u>	<u>Area Size (Acre)</u>	<u>Use</u>	<u>Area Size (Acres)</u>
<input type="checkbox"/> Golf Course_____		Other, (specify)_____	
<input type="checkbox"/> School Ground_____		Please provide a list with tree type and count and the turf and groundcover acreage for this project.	
<input type="checkbox"/> Parks _____			
<input type="checkbox"/> Lakes _____			
<input type="checkbox"/> Cemetery_____			

Site Location (major crossroads, general legal description, latitude and longitude, size)
Attach an 8 1/2" X 11" site plan and vicinity map:

Date that reclaimed water is desired_____

Estimated annual reclaimed water requirement at build out (million gallons)_____

Estimated monthly reclaimed water requirement at build out (million gallons)_____

Estimate peak hourly flow at build out (in gpd)_____

If development is phased, estimate of initial annual and monthly reclaimed water demand
(million gallons) and peak hourly flow (gpm)._____

(Annual) (Monthly) (Peak Hourly Flows)

APPLICANT CERTIFICATION	
I hereby certify that the above information is correct and that I am authorized to file an application on said property, being either the owner of record or authorized to file on behalf of the owner.	
SIGNATURE: _____	DATE:_____
PRINT OR TYPE NAME:_____	
POSITION TITLE:_____	

FOR CITY OF CHANDLER USE ONLY	
Reviewed by:_____	Date:_____
Development Services	
Reviewed by:_____	Date:_____
Water / Wastewater	

Mailing Address Mail Stop 406 P.O. Box 4008	Public Works Telephone (480) 782-3128 TDD (480) 782-2999	Location 215 E. Buffalo St Suite 106 Chandler, AZ 85255
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Appendix B

CHECKLIST

		Yes	No	Date
1	Acquired an application for reclaimed water when attending the Planning & Development Services Pre-Tech Subdivision Review Meeting			
2	Is the following information provided with the application:			
a	Major Crossroads?			
b	General Legal Description?			
c	Latitude & Longitude for the center of the Project?			
d	Shrub and Groundcover Landscape Area in Acres?			
e	Turf Area in Acres?			
f	Tree Type and Count?			
g	Site Plan on an 8 ¹ / ₂ " X 11" sheet of paper?			
h	Vicinity Map on an 8 ¹ / ₂ " X 11" sheet of paper?			
i	Point of Contact information to include Phone #, e-mail and mailing address?			
3	Has Maricopa County been contacted to identify the requirements for an Approval TO and OF CONSTRUCT? Contact phone # is (602) 506.6414			
4	Upon approval of the application has an agreement been forwarded, signed and returned? Contact Phone # (480) 782.3701			